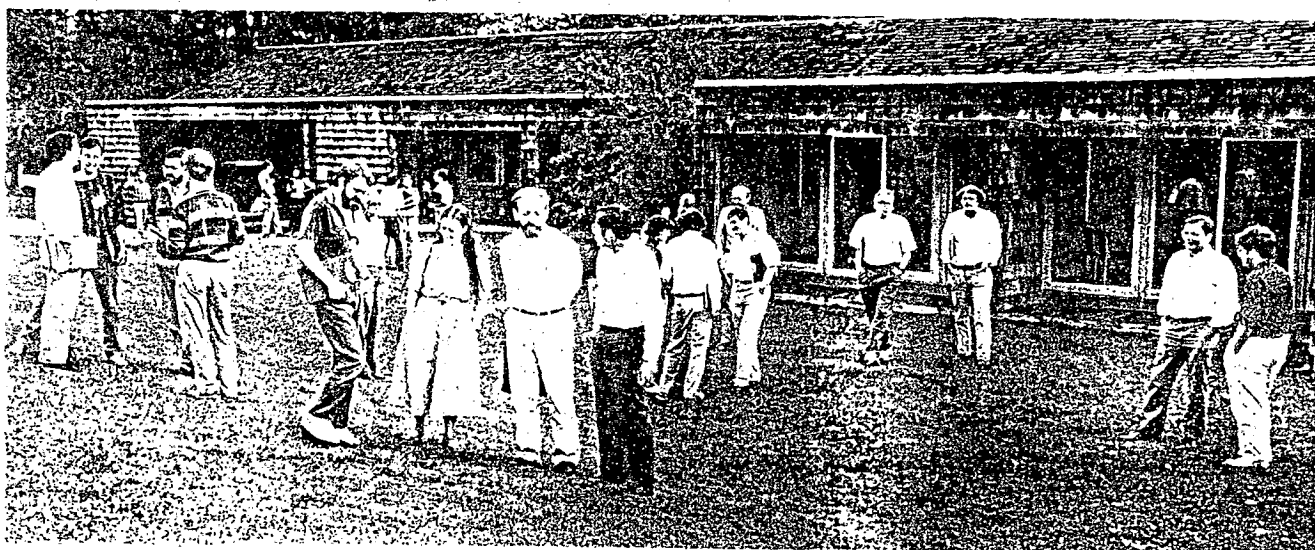




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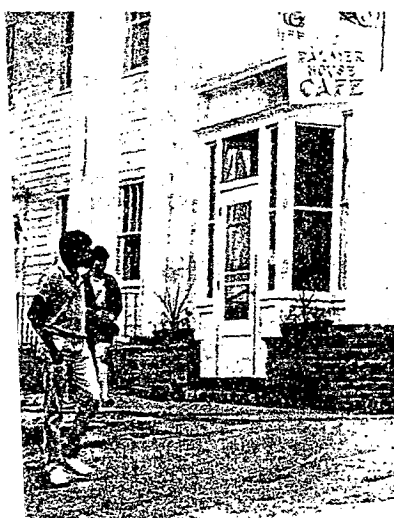
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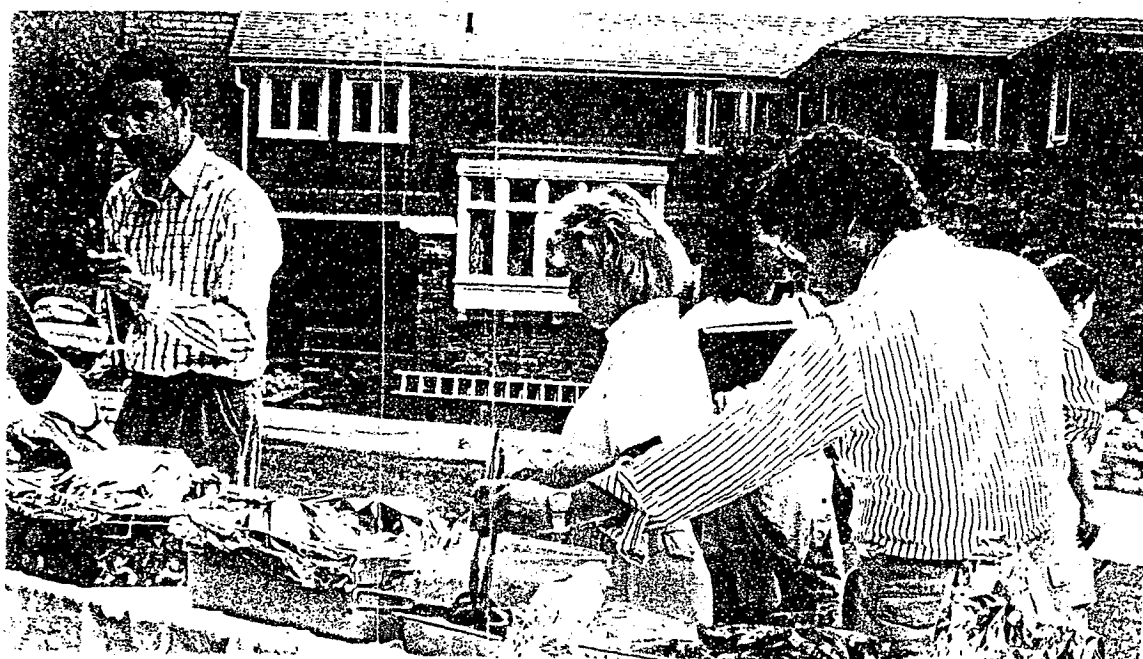


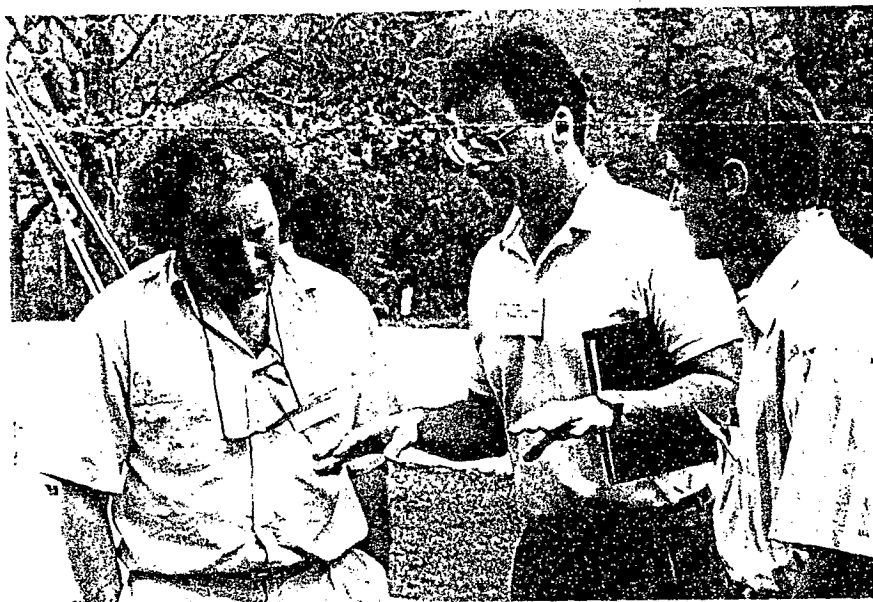
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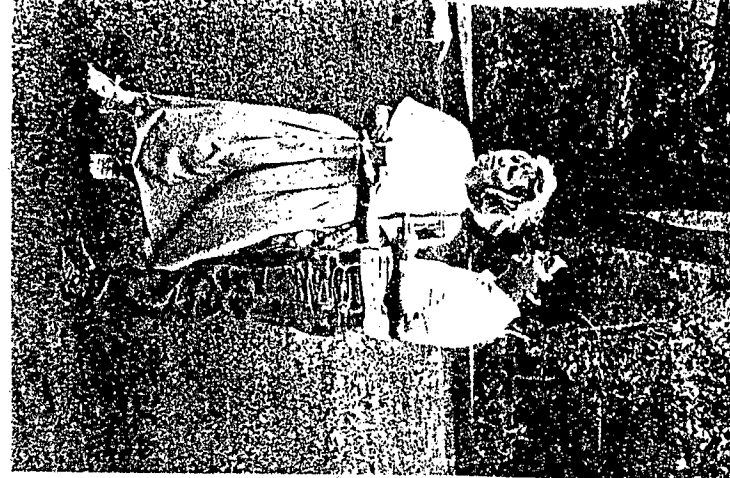
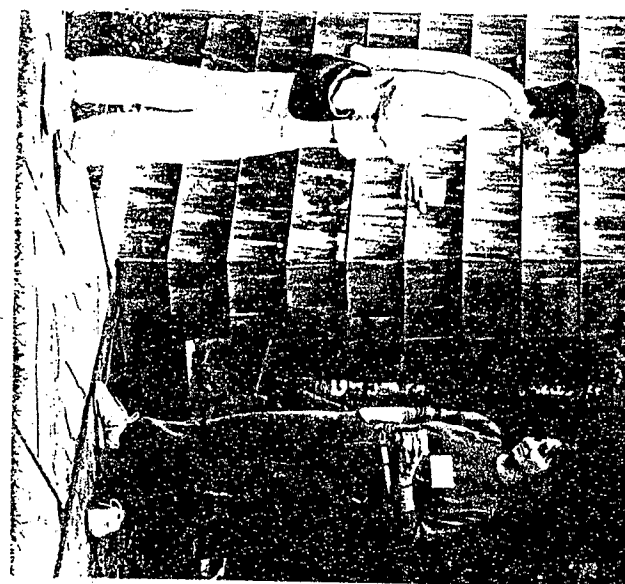
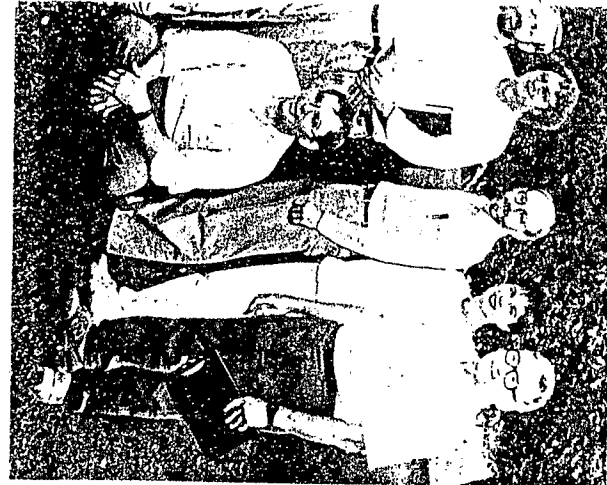




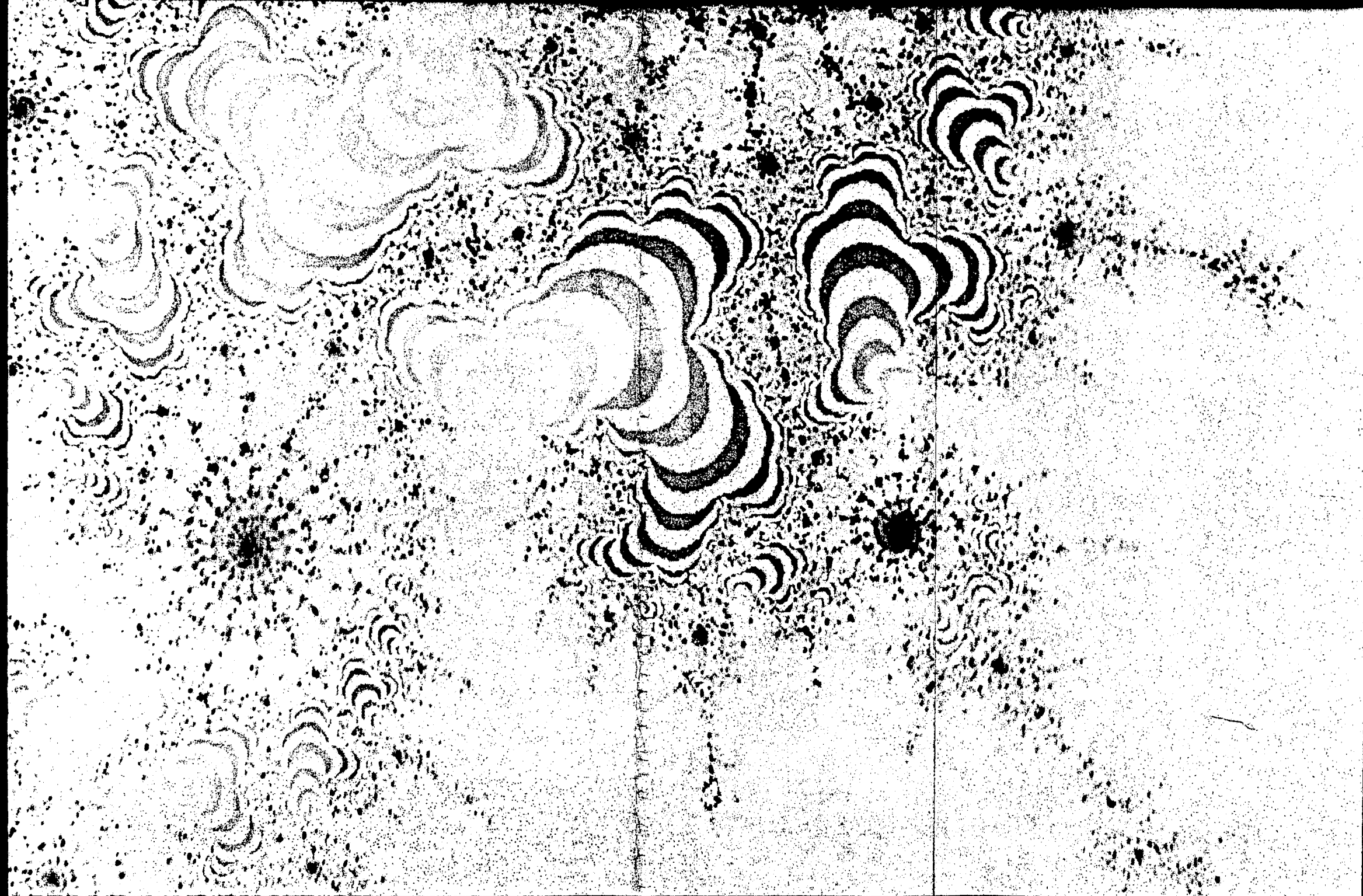
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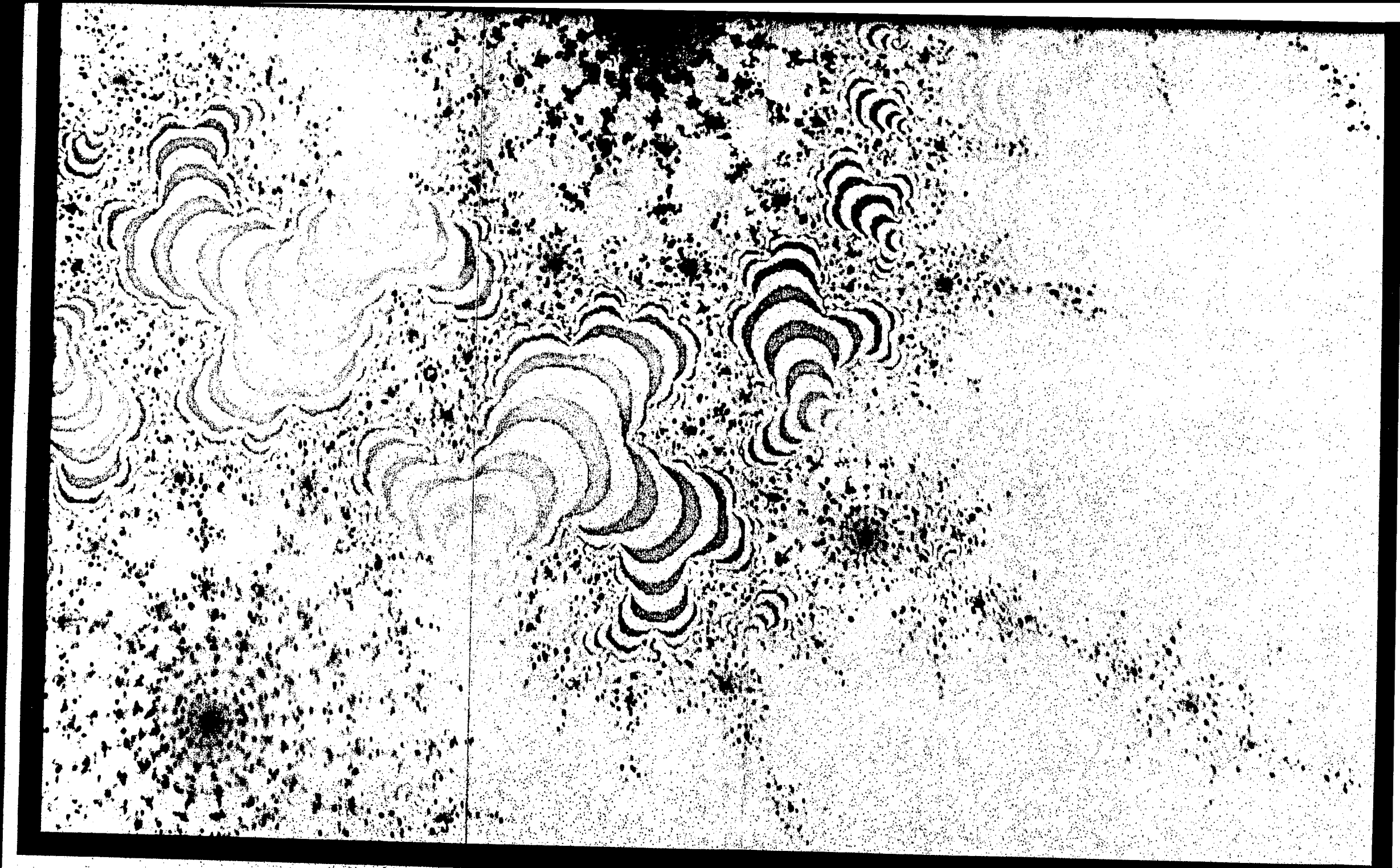


Image by H. Jürgens, H.-O. Peitgen, D. Saupe, from *The Beauty of Fractals*, (Peitgen, Richter) Springer-Verlag, Heidelberg, 1986.

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The 1990 Albany Conference is aimed at promoting research in areas such as x-ray crystallography, electron microscopy, and applications of computers to biology.

INVITED SPEAKERS

European Molecular Biology Laboratory
West Germany

*Comparing Protein Sequences:
Sensitive Methods and Realistic Evaluation.*

University of California at San Francisco
Statistical Mechanics of Protein Folding.

National Institutes of Health
Could We Ever Design a Biology?

University of Maryland
*Detection of Postsynaptic Potentials in Intracellular Recordings
from Neurons in Tissue Culture.*

Wadsworth Center
New York State Department of Health
Classifying Noisy Projections of an Unknown Structure.

Cybernetics Council
Academy of Sciences, USSR
*Determination of Angles Among Randomly Oriented Particles
of Unknown Structure.*

Rockefeller University
*Application of Molecular Dynamics to
Crystallographic Refinement of Proteins.*

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THE CONFERENCE will be held on September 13. Thursday, and a morning for informal discussion through the picture. The Rensselaer campus is southwest of Albany.

CONFERENCE F occupancy), meeting at the airport. A limited number of rooms for an additional fee. Please note that the Center does not accept cash.

FOR FURTHER INFORMATION, contact: 518-442-4327, Ext. 1. P.O. Box 8836, Albany, NY 12247-8836.

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Gary D. Stormo, University of Colorado
Identifying Functional Domains in Biological Sequences.

Lynn Ten Eyck, General Atomics
*Image Reconstruction and Model Refinement
in Protein Crystallography.*

Joel Trussell, North Carolina State University
Set Theoretic Approaches to Estimations and Identification.

Michael Unser, National Institutes of Health
*Optimum Resolution Conversion and
Scale-Space Representations of Images.*

Bi-Cheng Wang, University of Pittsburgh
*Resolution of Phase Ambiguity in Macromolecular
Crystallography by a Noise Filtering Process.*

DISCUSSION LEADERS

Mario Amzel, Johns Hopkins University

Fred E. Cohen, University of California
at San Francisco

Andrew D. McLachlan, Medical Research Council

sworth Center for Laboratories and Research, New York State Department of Health; School of Public Health, The University at Albany.

ecture on Thursday evening,
g sessions on the following two
er 16. Afternoons will be free
posters, recreation and walks
le and surrounding hill country.
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accommodations (double
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